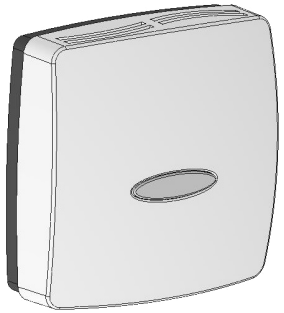
USER GUIDE

GB

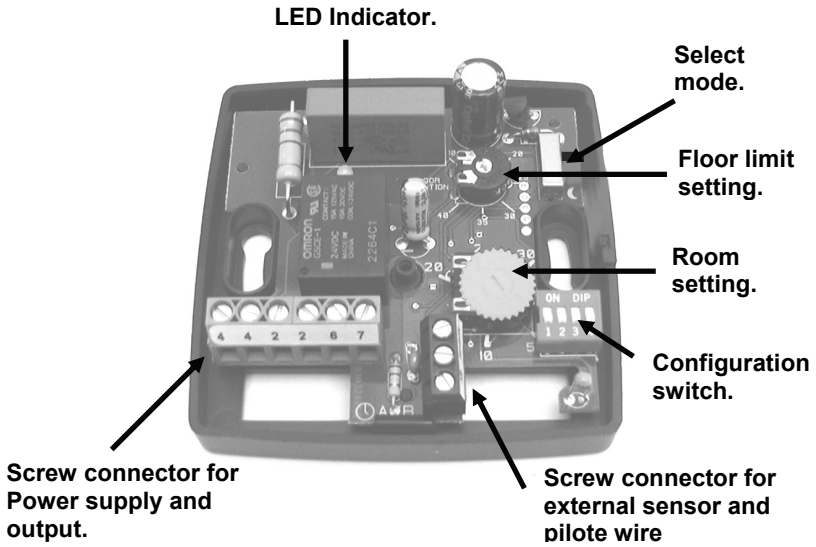
Dual Sensing public area Thermostat 230Vac 10A



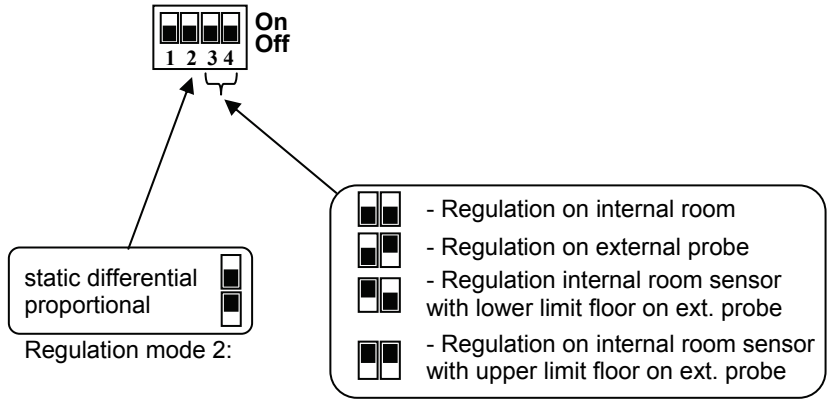
Optional external sensor 10K

MODES DESCRIPTION

- This thermostat is specially made for public area (school, office ….)
- Electronic thermostat with night reduction mode for electrical heating systems.
- External pilot wire for night reduction, equipped with a switch to select comfort, reduction or clock mode.
- Possibility to regulate either the floor or room temperature, or combined (in this case, the floor sensor is used as temperature limiter)
- Relay Output 10A 250Vac.



CONFIGURATION SWITCH


On
Off
1 2 3 4
static differential
proportional
Regulation mode 2:
- Regulation on internal room
- Regulation on external probe
- Regulation internal room sensor with lower limit floor on ext. probe
- Regulation on internal room sensor with upper limit floor on ext. probe
Sensor mode 3&4 :

LED INDICATOR

Red: - Heating indication
Green: - reduction mode by clock (pilot wire)
Orange: - Heating during reduction mode by clock (pilot wire)

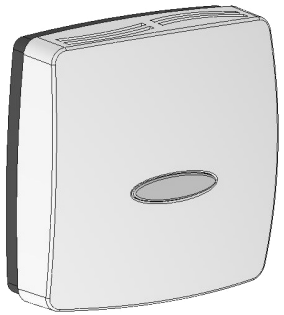
Green blinking:
- 0.5 second cycle => Internal & external sensor failures
- 1 second cycle => Internal sensor failure
- 2 second cycle => External sensor failure

TECHNICAL CHARACTERISTICS

Measured temperature precision	0.1°C (or 0.2°F)
Operating temperature	0°C - 50°C (or 32°F – 122°F)
Setting temperature range	5°C – 30°C (or 41°F - 86°F)
Floor limiting temperature range	10°C – 40°C (or 50°F - 104°F)
Regulation characteristics	Proportional band 10min for 2°K or Static differential 0.5°K
Electrical Protection	Class II - IP30
Power Supply	230 VAC +/- 10%
Output	Relay output 230 VAC, 10 A max.
Optional external Floor sensor	NTC (10K Ohms)
Soft version	V 1.4x

GEBRUIKERSHANDLEIDING NL

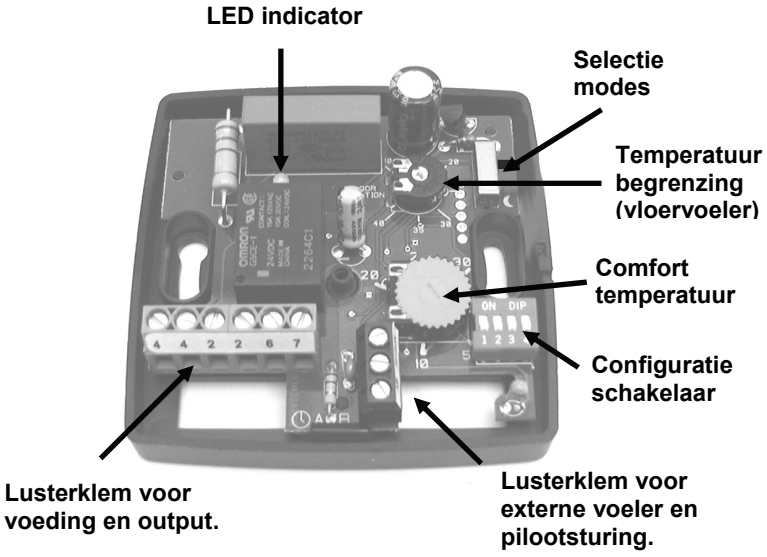
'Openbare plaats' thermostaat 230Vac 10A



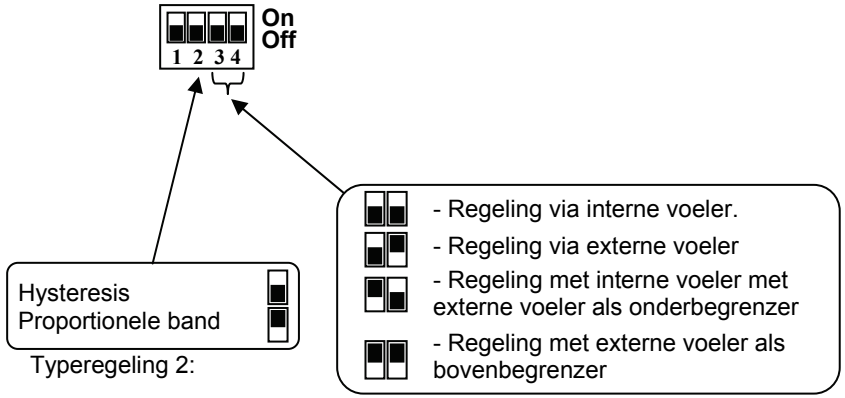
Externe voeler 10K in optie

FUNCTIES EN BESCHRIJVING

- Thermostaat bestemd voor openbare plaatsen (Bureaus, scholen, …)
- Elektronische thermostaat met vloer en omgevingsvoeler geschikt voor elektrische verwarmingssystemen.
- Externe pilootsturing voor temperatuursverlaging van – 4°C.
  3 functie modes => Klok - Comfort - Eco
- Regeling via interne of externe voeler, of beide gecombineerd. In dit geval wordt de vloervoeler (extern) gewoonlijk gebruikt als temperatuur begrenzer.
- Thermostaat 230Vac 10A.



CONFIGURATIE SCHAKELAAR



LED INDICATOR

Rood : Indicatie verwarming
Groen : Indicatie Eco mode (-4°C)
Oranje : Indicatie verwarming tijdens verlaging

Groen aan/uit :
- Flits van 0.5 seconde => Storing op beide voelers.
- Flits van 1 seconde => Storing op interne voeler.
- Flits van 2 seconden => Storing op externe voeler.

TECHNISCHE KARAKTERISTIEKEN

Meetnauwkeurigheid	0.1°C
Keuze temperatuur tussen	0°C - 50°C
Regeling omgevingstemperatuur tussen	5°C – 30°C
Regeling vloertemperatuur tussen	10°C – 40°C
Eigenschap van verschillende regelingen	Proportionele band van 2°C voor een cyclus van 10 minuten ou hysteresis van 0.5°C
Bescherming	Klasse II - IP30
Voeding	230 VAC +/- 10%
Uitgang	Relais 230 VAC, 10A max.
Externe voeler in optie	CTN 10K
Programma versie	V 1.4x